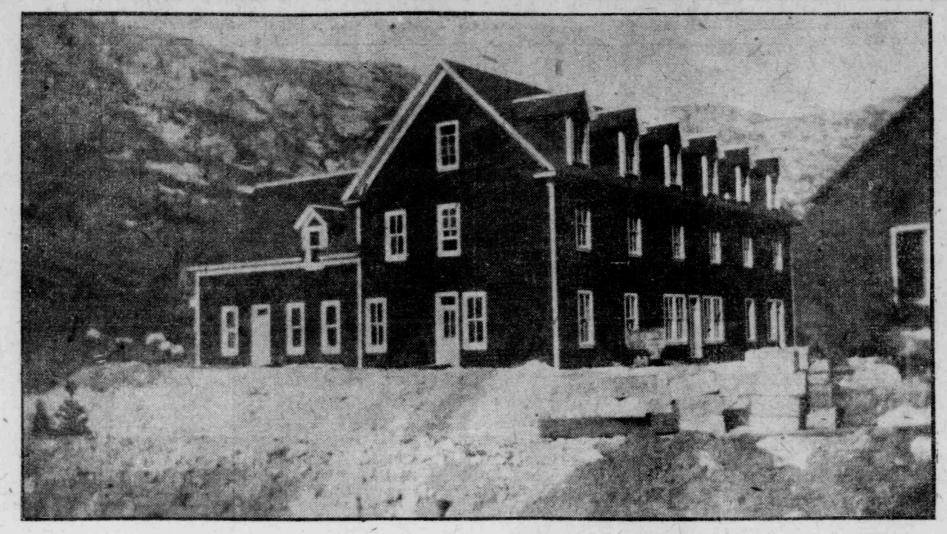
COLUMBUS CON. AND TONY JACOBSON



the western mining world than those to in every way. The surface equip- he has been placed in charge of. The his brother allowed the ground to pass of Tony Jacobson and the Alta dis- ment includes a concentrator for the re- venture into the South Columbus mine to the control of a Michigan syndicate other, for to the richness of the prop-erties in the district mentioned Mr. Mill for years to come; an up-to-date Jacobson owes his success and fortune modern water power electric plant with as a mining operator, and to his perse- a reserve ability for driving almost any more than fulfilled the predictions eraging \$40 a ton. verance and confidence as regards the machinery that can ever be used on President Jacobson made. There is silver values have been found on the

He has grown up with the mines of the concern. The plant was erected in 1903 the mining world of that year. The confronted Mr. Jacobson and his associated the mining world of that year. The confronted Mr. Jacobson and his associated the properties clates the past few years has been not better their any other many other and probably knows them at a cost of \$45,000. The wisdom of put. there today.

The Columbus Consolidated mines in the operation of the property in ecupy a place in the foremost rank of every twenty-four hours. Utah dividend paying properties. It is and has been one of the richest mines in the state and the record to its credit for the past year's operation is but an ndication of what is to be expected in

first of these dividends was disbursed carrying copper, silver and gold. \$42,500.70. Following this dividend three more were declared, each for \$56,707.60. ters for many years to come. On the of a most satisfactory nature, while most of which is patented. practically every pickful mined carries values of shipping weight, while each company and acts as general manager.

main tunnel of the mine.

and the slides wrought havoc with ev- Charles A. Walker, comprise the board ery property in the district. Gradually things changed for the better, and with creased two years ago with the conconstructed. Where hundreds of tons hoped for or expected.

Big Earnings.

the mine. Its net earnings have run possessed by the young operator. It complishment of development work on to \$100,000 a month and over since the was not by sitting calmly by and preproperty was thoroughly developed. Mr. dicting the location of rich ore bodies Jacobson assumed control of the Columbus Conin the property he was to manage that pierces the estate of the Columbus Conin the property he was to manage that pierces the estate of the Columbus Conlumbus Consolidated early in 1902 and secured for President Jacobson big reto his energy and knowledge of the sults. He had the aggressiveness of the channels which, because of its low near \$3,500,000, and it is not through mine and the district is due the success one who is sure of his ground and who of the property. In the beginning he had the aid of C. K. McCornick, one of the leading financiers of Salt Lake as the leading financiers of Salt Lake, as his promises to backers and stockhildhis financial backer. This was but short-lived, however, and the backing was never needed to any extent, for so rich was the vein encountered on the wondrously prolific Alta ledge that the wondrously prolif

tegarded in the western mining coun- He knows them as old friends, and try as a dividend payer with unlimited they have responded nobly to his call the first workings, and the results here to bossibilities for the investor. It has a for aid. His is the confidence born of were all that were expected. territory upon which it can draw for knowledge, and to this is responsible

The mine is equipped with the best Columbus Consolidated. turface machinery for the most scientific, comprehensive mining known to the mining machinery world. The dislances marked by the tunnels, winzes,

No two names are better known in least. The equipment has been added cobson to handle the two big properties dated. Several months ago Tony and One is synonymous with the duction of the low-grade ores, of which originally was one that required a deal of capitalists for a cash consideration ultimate worth of his properties in the the property in addition to what is allevery indication that it will soon rank property, and further development ready in use. So much power has been second in production to its illustrious work is expected to run out some big generated by the plant that much of it neighbor on the north. Tony Jacobson is unquestionably one of the best known operators the intermountain country has ever produced. The consolidated at mountain country has ever produced. The consolidation of the South Columbus and Quincy properties in 1936 With these properties to work on it was one of the most important deals in may be seen that the task which has better than any other man operating ting it in has been demonstrated daily under one management and into one easy one. since that time in a saving of about \$250

The ores of the property carry liberal quantities of gold, silver and copper, 1908, so promising are the prospects the copper being found at a greater during the past year that cost in the that have been opened up in the past depth than either of the other two met- neighborhood of \$29,000. A new boardfew months. The ore sales of the Co- als. There are large bodies of low- ing house has been put up similar to use, and have saved money on every lumbus Consolidated up to the end of grade ore constantly encountered, and the one on the property of the Colum- hand by the economical way in which November aggregate a sum slightly in with the development of the property bus Consolidated that will accommodate they have worked their properties excess of \$320,000, in round numbers the past year the high-grade bodies are 150 men. The office buildings that have There is no more practical or experi-\$1,000 for every day in the past year. coming more frequently into evidence been put up are complete and modern enced miner in the intermountain c This is the record of a property lo- until the latter are almost as numerous and the acme of convenience. The try today than President Jacobson cated in a camp that does not possess as the low grade. Some of the high- compressor plant that has been in- his brother, A. O. Jacobson. the shipping facilities of many of the grade zones are wonderfully rich in sil- stalled is one of the finest in Alta. ver. At a point about 350 feet out from During the year four dividends have the main shaft on the 300-foot level, a sists of 280 acres of ground, all but one are enthused with the knowledge been declared on the stock of the company, making a total of \$212,623.50. The was discovered early last year, the ore claim being patented. It is splendidly they are managing and controlling situated for economical operation. It of the greatest properties Utah

are getting rich from the property, and the mine has proved one of the most making the total, \$212,623.50. On top and this a toppage has been devel. The stock is one of the standard issues satisfactory investments in the state. change and other intermountain city four hundred-foot levels, the showing is owns about 200 acres of ground, the Tony Jacobson is president of the

day's work adds to the mill ore re- He has found, however, an able superintendent in the person of his brother, Most important of the work at the A. O. Jacobson, who has filled that po-Columbus Consolidated property at sition practically from the beginning of present, however, are the plans for the operations on the mine, and has proved coming year and the new developments. a valuable man in the right place. He These have been particularly important, especially the results obtained knowledge of the mine and the district, from the exploration of the heretofore and is completely wrapped up in the virgin ore bodies located below the prospective richness of the property in the light of further work and develop-Thirty years ago the Alta district ment. Clarence K. McCornick of Salt was a producer of the highest grade Lake is vice president of the company, sfiver ores. Then the railroads were a hundred miles away or more and the since its organization in 1902, S. A. shipping facilities were of the worst Whitney is secretary and treasurer. possible nature. The snows in winter These men, with E. R. Hall and

the advent of modern mining machinethe success attending the efforts of extracted from the surface workings of the making of a live, up-to-date camp the men who have had the nerve and this ground and a portion of the terriproved and the shipping became heav- brains to tackle the big problems in- tory was among the history makers of ier and heavier. The low grade ores that were abandoned years ago as bemining regions. His management of ground from north to south, and it has of the camp or in fact of any similar

ter have long since moved to market, to years ago in regard to the ultimate this to a satisfactory width. Explora-The shipping facilities were greatly in- richness of the Alta district and of the tion work proved that the old levels HISTORY OF THE Columbus Consolidated and other prop- near the surface were still worthy of struction of five miles of aerial tram- erties adjacent. The results he has ob- attention, and these have in fact furway from the upper terminal. From tained have quieted the doubters. His nished considerable return in the way the lower terminal of the district a success has been even more satisfactory similar piece of equipment has been tory than his most sanguine friends them. It was the aim of President Ja-

formerly, thousands are now shipped, any material inroad had been made on below the carbonate zone and hit the the capital at the command of Presi- sulphides. The Columbus Consolidated has been the accurate and intimate knowledge the estate of the South Columbus a a heavy producer since the opening of of the undertaking and its possibilities great advantage was gained for the acproperty was soon in a condition to handle itself.

The mine commenced to yield in July, deted until it reached and reached an handle itself.

The mine commenced to yield in July, 1962, and has been a big shipper ever kince and it has developed from its own resources until it is recognized as one of the greatest silver-copper-lead producers of not only Alta, but of the entire state of Utah. It is everywhere tegarded in the western mining counterpolated in the camp and the one who, in his development of the Columbus Consolidated until it reached and passed the consolidated until it reached and passed the consolidated until it reached and passed the columbus cons much of his success as manager of the

Another mine in the Alta district that brothers and their associates are heavi- gold values. Then the claim was staked the experimental game. The cyanide process. is going to prove one of the big pre- ly interested is the Columbus Wedge tpraises, and drifts measure more than ducers of the state, indeed if not the mining company, which was formed it mile and a half. The ore bodies with- biggest, is the South Columbus Conduring the present year, with about In these zones have produced ore which the basis of which was seventy-five acres of ground as the thipped, has aggregated in value, to-box the solidated, the basis of the working area of the combox the produced ore which the basis of which was seventy-five acres of ground as the basis of which was seventy-five acres of ground as the basis of the working area of the combox the produced ore which the basis of which was left-tolded was left-told the pether with the sales of treasury stock, lomething like \$1,000,000. The improve-then put on the property in the past limits and it is located contiguous to the limits put on the property in the past limits put on the past limits put on the property in the past limits put on the property in the past limits put on the property in the past limits put on the past limits put on the property in the past limits put on the pas tear include a big new boarding house of this property are but another arguthat will accommodate 150 men at the ment for the ability of President Jaland it is located contiguous to the property are but another arguthem. After going thoroughly into the stand brought it to town to the ability of President Jasolidated and the Columbus Consolible assayed. Pleased with his assay re-

chine drills were at once employed in mining men. opening up the old fissures that had for them to tackle. the old companies. Extensive surface mining in the Alta district, and the

can be admirably worked through a e stem of adits. The mouth of the litions which exist in the district. One greatest mines ever discovered. of the first big improvements after the Alta reflects the enterprise and abil-consolidation was the big tunnel driven ity of President Jacobson, and those tance below the surface.

nomical style which has characterized and the men who caused it to be President Jacobson is an example of big slump in silver over \$1,000,000 was properties, are reaping their remard in ing practically worthless on account of the high freight rates to the smelters and the exorbitant charges of the latcobson to push his big tunnel into the of ore were shipped daily out of Alta. The returns that were secured before mountain at such an angle as to strike When the Alta Quincy was added to

> the latter, for within the ground of the er troubles or low copper and lead Quincy passes the same vein that President Jacobson plored through the tunnel on the Quincy. Crosscuts run from the latter have In its palmy days the higher grade ore through the face of the workings. The

Columbus Wedge Company.

Another promising preperty in the Alta district in which the Jacobson

company. A treasury of \$200,000 was well and the results they have obtained originally provided for the development are a credit to themselves and to the f the consolidated properties and ma- energy and perseverance of western been previously cut in the tunnels of met and overcome all the obstacles improvements have been completed were not few or far between in the The South Columbus property con- mines in their younger days, and the

lower tunnel is near the boarding steadily climbed in value until it is conhouse, and in the future this will be the sidered one of the standard stocks of main avenue through which the proy. the Salt Lake mining exchange and the

oped that promises to feed the smel- traded in upon the Salt Lake stock ex- year alone about 2,000 feet of develop- Tony Jacobson has lived with his ment work has been done, that shows properties day and night and has sacfifty, one hundred, one hundred and is always a market. The company property. Several shipments have and consideration in making them the been niede and with the accomplish- big dividend payers and record producment of the work that has been ers of the Alta district. How well he planned for the coming year the prop-erty should be a heavy shipper by the What the next few years holds in store lose of 1908. The two properties be- for himself and associates it is imposfore their consolidation were good pro- sible to tell. Should the properties he lucers, but their possibilities required controls, however, continue their recthe exercise of rare executive ability ords for producing. President Jacobson as well as expert knowledge of the con- will find himself managing two of the

nto the side of the mountain, and interested with him. During the past which cuts about 1,000 feet below the year an innovation has been installed intact of the immense vein which the in the way of a lighting system for the anagement has opened up, and which camp. Power is supplied from the Corings them into the sulphide that dis- lumbus Consolidated plant down the Little Cottonwood canyon, and is It is certain that whatever is in the brought to the camp at the expense of property will be taken out by the the fatter. It is now being used for anagement in the same vigorous, eco- street lighting and domestic purposes the development of the Columbus Con- in, headed by the managers of the Cosolidated on the north. Previous to the lumbus Consolidated and neighboring

MNIES OF CON. MERCUR GOLD MINES CO.

During this period of depression, when gold is dear and other metals cheap, we can look with pride on Utah's famous gold producer, the Consolidated Mercur Gold Mines company, that still fifteen years more. The present year has marked the beginning of another prosperous era in the history of Mercur. tract all the values from all the ore give up its wealth.

most interesting in the annals of min- fight that many brave men would have scheme the cyanide process. Mr. D. C. man the victor of obstacles set up by in copper. Following up their plan of development, the management drove from a point about 200 feet lower than the first workings, and the results here the first workings are the first workings. The rock exposed contained gold. They credit is due for the present magnificant workings and the results here the first workings are the first workings. The rock exposed contained gold. They credit is due for the present magnificant workings are the first workings. fold on the old Mercur claim, yet passed would develop it and extract its wealth. cence of our copper industry in Utah, grade. By continuous experimenting up by the prospector, to whom it appeared worthless because it showed no colors in the pan. Later samples taken colors in the pan. Late to the assayer showed it contained high time to make enough money to keep up to a condition favorable to the cyanide expensive, and the percentage of exand the wily prospector would show the investor over his ground, but would of the farm sufficient to mine a car of the post year of the past year or two bear of the farm sufficient to mine a car of the past year or two bear was heretofore considered waste will

United States Smelting REFINING & MINING CO.

Purchases, Smelts, Converts and Refines Ores, Matte, Lead or Copper Bullion, Dore Bars, and all metallurgical products at the following plants:

> United States Smelting Company,

Bingham Junction, Utah-Custom Copper Smelter — Custom Lead Smelter.

Mammoth Copper Mining Company,

> Kennett, Cal.—Custom Copper Smelter.

United States Metals Refining Company,

Chrome, N. J.—Custom Copper Smelter and Electrolytic Copper Refiery.

United States Metals Refining Company.

Grasselli, Ind.—Custom Electrolytic Lead Refinery.

Cia de Real Del Monte, Pachuca, Mexico-Mines and Mills.

International Metals Selling Company, New York City.

FOR INFORMATION OR BIDS, APPLY TO NEAREST OFFICE.

United States Smelting, Refining & Mining Comp'y

100 Broadway, New York City.

Dooly Block, Salt Lake City, Utah. Pachuca, Mexico.

Executive Office, 55 Congress Street, Boston, Mass.

turns he would make a second trip to could be treated by the process, and de- carried them over the dump has suc check and re-examine the ground. Fi- cided to try it again. Twenty tons cumbed at last, and now delivers the nally options were closed, the ground were mined and this second shipment goods as meekly as do the In its palmy days the higher grade ore was purchased, and the buyer found showed an extraction of 80 per cent of the other constituent of the Mercur yielded handsome profits, and the prob-

yielded handsome profits, and the problem of reaching the ideal in how to exlem of ly reports sent to the Salt Lake office tract all the values from all the ore give up its wealth.

was forgotten in solving the problem of how to treat all the refractory Mercur ores.

The history of Mercur is one of the ment. He and his associates had a cast that was proposed in the present president of the Consolidated Mercur, Mr. John Dern, to step in at this stage of the game and learn the secret of treatment. He and his associates had a cast that was proposed in the came Captain J. R. DeLamar, and another large mill was erected. It was found that the oxidized ores could be treated with success, but the base been a hard fight, and the present ment. He and his associates had a cast that was proposed in the captain J. R. DeLamar, and another large mill was erected. It was found that the oxidized ores could be treated with success, but the base been a hard fight, and the present ment. He and his associates had a cast that was proposed in the captain J. R. DeLamar, and another large mill was erected. It was found that the oxidized ores could be treated with success, but the base been a hard fight, and with month will show the finish, and with

traction too small.